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Advanced Design NSX-T Data Center 2.4

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QUESTION 1

A customer wants to use ECMP to provide additional throughput and availability for their critical business applications. Some applications require load balancing for scale and availability. Which two Edge design choices can an architect present to the customer? (Choose two.)

A. Configure ECMP and Load Balancing on the Tier-0 gateway.

B. Create a Tier-0 gateway in Active/Standby mode and a Tier-1 gateway in Active/Standby mode.

C. Configure ECMP on the Tler-0 gateway and Load Balancing on the Tier-1 gateway.

D. Create a Tier-0 gateway in Active/Standby mode.

E. Configure ECMP on the Tier-1 gateway and Load Balancing on the Tier-1 gateway.

F. Create a Tier-0 gateway in Active/Active mode and a Tier-1 gateway in Active/Standby mode.

Correct Answer: CF

Tier 0 must be Active Active for ECMP, Tier 1 utilizes an LB --vetted

https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/administration/GUID-443B6B0D-F179429E-83F3-E136038332E0.html

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QUESTION 2

An architect is helping an organization redesign a previously installed NSX-T Data Center solution. This information was gathered during the Assessment Phase:

1.

The company\'s headquarters Is located In Eastern Europe and there are several regional offices.

2.

The company owns several smaller companies around the globe.

3.

All locations must access the RESTful API of NSX-T through the internal network for automating the

creation of segments.

4.

The company\'s HQ does not have any internal Public Key Infrastructure.

5.

NSX-T has already been installed at the company\'s headquarters.

The architect has determined self-signed certificates should be replaced with certificates signed by a

Public Key Infrastructure.

Which should the architect recommend in their design?

A. Replace the certificate on all three NSX Managers with a certificate that is signed by a third-party Public Key Infrastructure.

B. Replace the NSX-T root certificate with an internal Certificate Authority.

C. Replace the NSX Managers certificate with a certificate that Is signed by Company Public Key Infrastructure.

D. Replace vCenter root certificate with a certificate signed by a third-party Certificate Authority.

Correct Answer: A

NSX Mgrs are what are used for REST api calls, the company doesn\\'t have an internal PKI solution, and replacing vCenter root cert doesn\\'t matter to these requirements.

QUESTION 3

An architect is helping an organization with the Logical Design of an NSX-T Data Center solution. This information was gathered during the Assessment Phase:

1.

 Customer Is concerned with NSX Manager availability.

2.

 3 cabinets/racks are available in the data center.

3.

 No integration with 3rd party solution is required.

4.

 There is no budget for physical equipment acquisition.

5.

 The 3 cabinets/racks do not share the same L2 domain.

Which three should the architect include in their design to address the customer\\'s concern with NSX Manager availability? (Choose three.)

A. Use another NSX Manger IP in case an appliance falls.

B. Deploy 2 cold standby NSX Manager appliances in rack 2/3.

C. Deploy an NSX Manager Appliance per rack and cluster them.

D. Use a physical/internal load-balancer with the cluster.

E. Use separate IP per NSX Manager appliance per rack.

F. Deploy a single active NSX Manager appliance in rack 1.

Correct Answer: CDE

Customer is concerned with availability and NSX-T requires (except for labs)a 3x Mgr cluster must be deployed. You can use internal HA/VIPand vSphere HA for Mgmt cluster only when the mgrs. are on the same L2 domain.To do this you need an external load-balancer, the only one that would meet the "no 3rd party" and "no physical equipment acquisition" would be a NSX-T Edge LB though the only answer that lines up with that is (D) and its worded poorly. (F) and (B) are both wrong/worded even more poorly. (A) by itself isn\'t right/wrong but when also looking at (E) then you know it doesn\'t cut it. (C and E) are correct. https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/installation/GUID-72A55651-0031-43A49F23-5950C1AFF304.html https://vxplanet.com/2020/03/26/using-nsx-t-loadbalancer-for-the-nsx-t-management-cluster-part-1/ https://vxplanet.com/2020/03/26/using-nsx-t-loadbalancer-for-the-nsx-t-management-cluster-part-2/

QUESTION 4

An architect is helping an organization with the Logical Design of an NSX-T Data Center solution. This information was gathered during the Assessment Phase:

1.

On premises deployment required.

2.

Use the existing network infrastructure.

3.

ESXi hosts have 2 pNICs with only 1 available for use.

4.

High availability will be required across all ports in any proposed solution.

5.

N-VDS will be required across the infrastructure in the future.

Which should the architect include in their design?

A. Use N-VDS for management and workload traffic.

B. Use a VDS for management traffic and N-VDS- for workload traffic.

C. Use VDS for management and workload traffic.

D. Use a N-VDS for management traffic and VDS- for workload traffic.

Correct Answer: A

Only way to keep high availability and use NSX-T 2.4 N-VDS will be to migrate to N-VDS with collapsed management and workload on the same vSwitch with both pNICs.

QUESTION 5

An architect is helping an organization with the Logical Design of an NSX-T Data Center solution. This information was gathered during the Assessment Phase:

1.

Any solution should add more value to current and future customers engagements.

2.

The solution should improve the company\\\'s operational efficiency.

3.

The design should offer agility and freedom for application phases.

4.

There should be improvement in application life cycle SLAs.

5.

Current physical solution is composed of many vendors taking care of many layers of security, but it is getting complex. A reduction in complexity will be something expected from any solution.

6.

Current business continuity and disaster recovery plans are based on tape technology. A public cloud class of service should be party of any new solution.

7.

Scripts are used for repeatable tasks in combination with many open source tools.

8.

Delays are Incurred with new marketing campaigns because an external IT services company must be hired. Campaigns must be accelerated with any new solution.

9.

All application servers have hardcoded IP addresses.

10.

Different vendors are used for our storage solution.

11.

The time line before an upcoming freeze period is soon.

Which two statements should the architect consider as non technical requirements? (Choose two.)

A. statement 4

B. statement 1

C. statement 11

D. statement 6

E. statement 9

Correct Answer: AB

-Non-functional/Non-Technical requirements describe how the system is supposed to behave. These are also known as Business Requirements. I have bolded every B.Req and highlighted the correct answers that were available to be chosen.

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